DOCUMENT RESUME

ED 131 810 HE 008 437

TITLE	Graduate Student Incomes in Ontario. Report No. 76-17.
INSTITUTION	Council of Ontario Universities, Toronto.
PUB DATE	Aug 76
NOTE	40p.; Not available in hard copy due to marginal legibility of original document
AVAILABLE FROM	Council of Ontario Universities, 130 St. George Street, Suite 8039, Toronto, Ontario M5S 2T4 Canada
EDRS PRICE	MF-$0.83 Plus Postage. HC Not Available from EDRS.
DESCRIPTORS	Federal Aid; Fellowships; *Financial Needs; *Financial Support; Foreign Countries; *Graduate Students; Grants; *Higher Education; *Income; Scholarships; Statistical Surveys; Student Costs; *Student Financial Aid
IDENTIFIERS	*Ontario

ABSTRACT

This report provides a source for data on the financial support received by full-time graduate students in each of five divisions within each Ontario university. The data are presented in compact form. Given the variety and range of support, it is felt that average or median figures and interuniversity comparisons can be misleading; therefore, no commentary has been included. The data can be made available in a format that permits thorough analysis and interpretation in response to the specific interests of the user. An appendix presents a brief commentary on the trends in graduate student support over the past three years. (Author)

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GRADUATE STUDENT INCOMES IN ONTARIO

1974-75

U S DEPARTMENT OF HEALTH,
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August, 1976

76-17

HE008437

This report provides a source of data on the financial support received by full-time graduate students in each of five divisions within each Ontario university. The data are presented in a very compact form. Given the variety and range of student support, it is felt that average or median figures and inter-university comparisons can be misleading and therefore no commentary has been included. The data can be made available in a format which permits thorough analysis and interpretation in response to the specific interests of the user. Appendix 3 to this report presents a brief commentary on the trends in graduate student support over the past three years.

GRADUATE STUDENT INCOMES IN ONTARIO

1974-75

Introduction

This report presents a further year's data in the continuing Council of Ontario Universities' study of graduate student support. The presentation of data contained in this report is similar to that used in the 1973-74 report. The distribution of disciplines among the divisions has been changed slightly to identify two new subdivisions of disciplines. The analysis presented in tables 3 has been simplified by merging some income source groupings and by eliminating the detailed income size data. These changes have some impact on the general comparability of data contained in the 1973-74 and 1974-75 reports. Users should also note that items mentioned in the limitations sections in each of the graduate student incomes reports may have a serious impact on the comparability of the data contained in them.

Definitions

For the purpose of this study a modification of the Ontario Ministry of Colleges and Universities' definition of the terms full-time and graduate student is used. This is presented in full in Appendix 2. It should be noted that all full-time graduate students, be they in specialist graduate diploma, master's level, or PhD programmes, are included. Students who were only registered on a full-time basis for part of the year are also included. A comment on the significance of this point is included in the limitations section of this text.

Graduate student income consists of those funds paid to a student by,

through, or with the consent of the university and which are associated in some way with his/her registration as a full-time graduate student. Loans are not included in the definition of income.

An income source is the fund or type of fund from which all or part of the graduate student income is paid. Detailed definitions of the sources used in this report are appended.

In the tables a blank is equivalent to a zero and a dash indicates that the data (including zeros) have been suppressed to prevent the possible identification of an individual.

Procedure

Survey forms, compiled by the Research Division of COU, were mailed in the summer of 1975 to the deans of all fifteen Ontario graduate schools. The experience gained by administrative officers in previous surveys led to the compilation of the data with very little difficulty. Graduate studies offices were asked to tabulate the total number of students in each division who received income from each source or combination of sources broken down by size of income. Data were also obtained on the number of students receiving income from each source and on the total dollars contributed to graduate student incomes by each source.

Interpretation

Table 1 Full-Time Graduate Student Enrolment 1974-75

For the purpose of this study a student is counted once if registered full-time for one or more terms during the period 1 September, 1974 to 31 August, 1975. Hence the figures given in this table, while showing the

number of students who were registered in full-time graduate studies for any part of the year, will differ from those given in more conventional registration statistics. It is necessary to adopt this approach in order to assess accurately the total stipends paid to graduate students during the 1974-75 academic year.

Income data

Tables 2, 3, and 4 are each subdivided into seven parts. Parts A), B), C), D), E), deal with divisions I, II, III, IV, IIA, respectively, while part F) of each table presents the aggregate data for divisions IA, IIIA, and IVA. Part G) of each table presents aggregate data for full-time graduate students in all divisions.

Table 2 Percentage of Students in Each Income Range

Each figure represents the percentage of the appropriate enrolment (shown in the final column) which received income in each range. The first column shows the percentage who received no income during the period covered by the survey.

Table 3 Percentage of Students Receiving Income from Each Source

This table shows the number of students who received income from each source or combination of sources, expressed as a percentage of the total enrolment. The table is generally comparable to the left hand portion of table 3 in the 1973-74 report, except that students who received a stipend from more than one source are now reported in column 9, unless one of those sources is based on need assessment, in which case they are reported in column 10.

The students reported in column 9 were reported in any one of five columns in the 1973-74 report.

Table 4 Contribution of each source of funds

This table shows both the total number of students who received some funds from each source and the total dollar contribution of each source of funds. To allow comparison these are shown as a percentage of the total of all awards and as a percentage of the total funds paid to graduate students respectively. It should be noted that the total number of awards is larger than the total number of students who received funds, as a student who received income from, for example, three different sources is said to have received three awards.

General limitations

Data in the tables have been suppressed where the combination of information presented in all tables might lead to the identification of an individual by one of his fellow students or by another person with some knowledge of departmental funding procedures. The suppression procedure used normally eliminates data which identify fewer than three students, except that column totals are suppressed when the data which they present identify a suppressed item in that column. In additions, all percentages have been rounded to the nearest whole number and all dollar amounts in table 4 have been rounded to the nearest $1000. The impact of rounding and suppression on the level of confidence in the total data presentation is insignificant. The base data for this report are self-reported by the institutions and therefore no statistical assessment of their reliability is possible. It should be noted

that the report presents data on the actual amounts paid to graduate students during the twelve month period 1 September, 1974 to 31 August, 1975. Thus students who were only registered full time for part of the year or who for any one of numerous reasons only received a stipend for part of the year are shown as being in a lower income category than those who received a stipend for the full year.

Where the exact dollar amount of an award paid directly to the graduate student by an agency outside the university was not known, the reporting officers were advised to estimate an amount and include it in their submission. Thus the dollar amounts given in table 4 may not be accurate to the level shown in the table. These estimates are unlikely to introduce significant uncertainty in any other table.

It should be noted that the data shown in part E), of each table were included in part B) of each table in the 1973-74 report and the data shown in part F) of each table were distributed among parts A), C), D), of each table in the 1973-74 report. Part G) of each table this year is directly comparable to part E) in the 1973-74 report. The creation of the new divisions in this year's report has a slight impact on the comparability of certain tables in the two reports.

Specific limitations

Changes in accounting and data reporting systems at the University of Toronto ensure that the data shown in tables 3 and 4 for that University and for all universities, insofar as the University of Toronto forms a part of the total, are not comparable with the data shown in the 1973-74 report. In particular, the changes may have a major impact on the distribution of stipends between

university teaching funds and university non-teaching service funds. To bring the four major divisions as defined for this report more into line with Statistics Canada major discipline categories, the programme in hospital administration at the University of Ottawa, which was included in division IV in previous reports, has been included in division IIA in this report. This change will have an impact on comparisons between this report and earlier reports for divisions II and IV at that university.

TABLE 1 FULL-TIME GRADUATE STUDENT ENROLMENT

(SEE TEXT FOR DEFINITION OF ENROLMENT)

1974-75

UNIVERSITY	*TOTAL ENROLMENT*								
	DIVISION								
	I	*IA*	*II*	*IIA*	*III*	*IIIA*	*IV*	*IVA*	*TOTAL*
BROCK	10		6		28		20		64
CARLETON	87		258	85	133	74	37		674
GUELPH	51		110		130		381		672
LAKEHEAD	11		41	62	14		1		129
LAURENTIAN	3				24		8		35
MCMASTER	268		298	200	328	126	119	10	1349
OTTAWA	173		390	256	174	18	70		1081
QUEEN'S	182	11	239	260	267		89		1048
TORONTO	1064	217	1112	651	832	74	497	20	4467
TRENT	5		6		2				13
WATERLOO	257		334		729		81		1401
WESTERN	236	191	319	458	254	20	214	15	1707
W. LAURIER	12		38	133					183
WINDSOR	63		191	73	146		29		502
YORK	189		687	264	73		34		1247
ALL	2611	419	4029	2442	3134	312	1580	45	14572

TABLE 2 (A) PERCENTAGE OF STUDENTS IN EACH INCOME RANGE DIVISION I

UNIVERSITY	NIL	$ 1-1000	$ 1001-1600	$ 1601-2400	$ 2401-3600	$ 3601-4800	$ 4801-6000	OVER $6000	TOTAL STUDENTS
BROCK	40				60				10
CARLETON	11	20	8	30	6	14	11		87
GUELPH	10	14	16	12	31	10	6	2	51
LAKEHEAD				73	18		9		11
LAURENTIAN	-	-	-	-	-				3
MCMASTER		3	6	2	9	58	18	3	268
OTTAWA	35	17	10	14	13	4	5	1	173
QUEEN'S	25	3	10	9	18	22	8	5	182
TORONTO	30	10	6	18	15	10	8	2	1004
TRENT	20		40		20	20			5
WATERLOO	15	10	11	16	31	10	5	2	257
WESTERN	7	4	5	7	38	19	9	11	236
W. LAURIER		8	8	75	8				12
WINDSOR	21	22	14	8	22	10	3		63
YORK	8	1	3	63	5	8	2	10	189
ALL	19	9	7	18	18	17	8	4	2611

TABLE 2 (B) PERCENTAGE OF STUDENTS IN EACH INCOME RANGE DIVISION II

UNIVERSITY	NIL	$ 1-1000	$ 1001-1600	$ 1601-2400	$ 2401-3600	$ 3601-4800	$ 4801-6000	OVER $6000	TOTAL STUDENTS
BROCK					100				6
CARLETON	4	11	8	17	17	24	17	2	258
GUELPH	16	5	25	16	20	15	2	1	110
LAKEHEAD		10		63	12	5	7	2	41
LAURENTIAN									0
MCMASTER		4	5	5	5	61	18	2	298
OTTAWA	41	20	15	10	5	4	3	2	390
QUEEN'S	6	3	3	13	31	24	13	8	239
TORONTO	28	6	6	16	19	12	9	3	1112
TRENT						17	83		6
WATERLOO	13	8	10	9	28	16	9	6	334
WESTERN	4	4	6	4	25	22	16	17	319
W. LAURIER	11	11	34	45					38
WINDSOR	27	7	17	13	22	7	5	2	191
YORK	37	1	7	33	6	7	3	5	687
ALL	22	7	8	16	16	16	9	5	4029

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 2 (C) PERCENTAGE OF STUDENTS IN EACH INCOME RANGE DIVISION III

UNIVERSITY	NIL	$ 1-1000	$ 1001-1600	$ 1601-2400	$ 2401-3600	$ 3601-4800	$ 4801-6000	OVER $6000	TOTAL STUDENTS
BROCK	4	7	21	14	11	39	4		28
CARLETON	2	8	2	8	23	23	34	2	133
GUELPH	34	5	12	12	19	12	5	1	130
LAKEHEAD		7	7	7	50	21	7		14
LAURENTIAN	4	4		38	38	8		8	24
MCMASTER		4	6	5	8	40	33	3	328
OTTAWA	6	9	13	14	18	27	10	3	174
QUEEN'S	8	4	7	8	18	34	19	1	267
TORONTO	5	5	5	7	13	30	26	9	832
TRENT		-	-	-	-	-			2
WATERLOO	8	6	8	9	13	20	22	14	729
WESTERN	4	5	6	6	12	27	28	13	254
W. LAURIER									0
WINDSOR	5	6	5	8	21	21	28	6	146
YORK	1	4	7	10	25	18	36		73
ALL	6	5	7	8	15	27	24	8	3134

TABLE 2 (D) PERCENTAGE OF STUDENTS IN EACH INCOME RANGE DIVISION IV

UNIVERSITY	NIL	$ 1-1000	$ 1001-1600	$ 1601-2400	$ 2401-3600	$ 3601-4800	$ 4801-6000	OVER $6000	TOTAL STUDENTS
BROCK		25	25	5	15	20	5	5	20
CARLETON	3	8	11	8	19	30	22		37
GUELPH	22	9	11	12	22	19	3	1	381
LAKEHEAD		-	-	-	-	-			1
LAURENTIAN				63		25	13		8
MCMASTER		8	6	2	8	42	24	11	119
OTTAWA	3	16	11	11	27	19	11	1	70
QUEEN'S	9	4	3	4	10	42	21	6	89
TORONTO	7	6	5	9	14	29	20	10	497
TRENT									0
WATERLOO	1	1	10	5	14	35	25	10	81
WESTERN	8	4	9	2	11	29	23	13	214
W. LAURIER									0
WINDSOR	3	17	21		14	31	14		29
YORK		9	6	3	24	32	26		34
ALL	10	7	8	8	16	28	16	7	1580

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 2 (E) PERCENTAGE OF STUDENTS IN EACH INCOME RANGE DIVISION IIA

UNIVERSITY	NIL	$ 1-1000	$ 1001-1600	$ 1601-2400	$ 2401-3600	$ 3601-4800	$ 4801-6000	OVER $6000	TOTAL STUDENTS
BROCK									0
CARLETON	28	32	16	14	9				85
GUELPH									0
LAKEHEAD	71	21	5	3					62
LAURENTIAN									0
MCMASTER	26	40	25	4		5	1		200
OTTAWA	63	25	7	1	3				256
QUEEN'S	29	54	6	5	3	4			260
TORONTO	45	24	10	10	10	1			651
TRENT									0
WATERLOO									0
WESTERN	57	23	9	8	1	1		1	458
W. LAURIER	89	8	3						133
WINDSOR	48	15	16	8	10	1		1	73
YORK	95		1	1				3	264
ALL	54	25	9	6	4	1		1	2442

TABLE 2 (F) PERCENTAGE OF STUDENTS IN EACH INCOME RANGE DIVISIONS IA. IIA. IVA

UNIVERSITY	NIL	$ 1-1000	$ 1001-1600	$ 1601-2400	$ 2401-3600	$ 3601-4800	$ 4801-6000	OVER $6000	TOTAL STUDENTS
BROCK									0
CARLETON	1	4	15	11	18	34	18		74
GUELPH									0
LAKEHEAD									0
LAURENTIAN									0
MCMASTER	2	2		8	20	24	40	3	136
OTTAWA	44	11	6	28	6	6			18
QUEEN'S	9				45	9	36		11
TORONTO	36	28	13	12	5	4	2	1	311
TRENT									0
WATERLOO									0
WESTERN	31	32	8	15	12	1	1		226
W. LAURIER									0
WINDSOR									0
YORK									0
ALL	25	21	9	12	11	10	10	1	776

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 2 (G) PERCENTAGE OF STUDENTS IN EACH INCOME RANGE ALL DIVISIONS

UNIVERSITY	NIL	$ 1-1000	$ 1001-1600	$ 1601-2400	$ 2401-3600	$ 3601-4800	$ 4801-6000	OVER $6000	TOTAL STUDENTS
BROCK	8	11	17	8	28	23	3	2	64
CARLETON	7	13	9	15	16	21	18	1	674
GUELPH	23	8	14	13	22	16	4	1	672
LAKEHEAD	34	14	4	29	11	4	4	1	129
LAURENTIAN	6	3	6	40	26	11	3	6	35
MCMASTER	4	9	8	4	8	42	22	3	1349
OTTAWA	35	19	12	10	10	8	5	2	1081
QUEEN'S	16	16	6	8	17	23	11	3	1048
TORONTO	25	11	7	13	14	15	11	4	4467
TRENT	8		23		15	15	38		13
WATERLOO	10	7	9	10	20	18	16	9	1401
WESTERN	23	13	7	7	15	15	12	8	1707
W. LAURIER	67	8	10	14	1				183
WINDSOR	21	11	14	9	19	12	11	3	502
YORK	42	1	5	29	6	7	5	5	1247
ALL	22	11	8	12	14	17	11	4	14572

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 3 (A) PERCENTAGE OF STUDENTS RECEIVING INCOME FROM EACH SOURCE DIVISION I

	PROVINCIAL FELLOWSHIPS	FEDERAL AWARDS	INDL. & INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	MORE THAN ONE SOURCE OF FUNDS	MORE THAN ONE SOURCE INCLUDING AN AWARD BASED ON NEED	NO INCOME	
UNIVERSITY	A	B	C	D	F	G	K	P	X	Q		TOTAL
BROCK									60		40	10
CARLETON	2			3	26	2		10	31	11	11	87
GUELPH		2		6	43				30		10	51
LAKEHEAD					73				18	9		11
LAURENTIAN					67						33	3
MCMASTER				3	8				88	1		268
OTTAWA	2	6			43		1	3	7	2	35	173
QUEEN'S	1	11	1	10	10			1	33	1	25	182
TORONTO	6	9		8	15		1	6	22	3	30	1064
TRENT					60				20		20	5
WATERLOO		1	1	4	17	1	1	2	45	13	15	257
WESTERN		1	1		35				47	6	7	238
W. LAURIER	8				75				17			12
WINDSOR				3	46			10	14	6	21	63
YORK	1	1			24	41			24		8	189
ALL	3	5		5	22	3		3	34	4	19	2611

TABLE 3 (B) PERCENTAGE OF STUDENTS RECEIVING INCOME FROM EACH SOURCE DIVISION II

	PROVINCIAL FELLOWSHIPS	FEDERAL AWARDS	INDL. & INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	MORE THAN ONE SOURCE OF FUNDS	MORE THAN ONE SOURCE INCLUDING AN AWARD BASED ON NEED	NO INCOME	
UNIVERSITY	A	B	C	D	F	G	K	P	X	Q		TOTAL
BROCK									83	17		6
CARLETON		1		2	17	8	2	2	57	10	4	258
GUELPH	2		1	2	48	3			28		16	110
LAKEHEAD					73				20	7		41
LAURENTIAN												0
MCMASTER				2	11		1		85			298
OTTAWA	2	3			29		3	4	13	3	41	390
QUEEN'S	2	8		3	12		1		67		6	239
TORONTO	1	2	1	2	2	14		4	10	3	28	1113
TRENT					17				83			6
WATERLOO	1	5	1	7	13		1	1	48	8	13	334
WESTERN		3	1	1	21		2	2	60	6	4	319
W. LAURIER					71				18		11	38
WINDSOR	2	3		2	33		1	5	17	8	27	191
YORK	1	4			10	24			17		37	687
ALL	2	5	1	4	10	8	1	2	34	3	22	4029

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 3 (C) PERCENTAGE OF STUDENTS RECEIVING INCOME FROM EACH SOURCE DIVISION III

UNIVERSITY	PROVINCIAL FELLOWSHIPS A	FEDERAL AWARDS B	INDL. & INSTIT. AWARDS C	ENDOWMENT FUNDS D	UNIVERSITY TEACHING FUNDS F	UNIV. NON-TEACHING FUNDS G	STAFF RESEARCH GRANTS K	AWARDS BASED ON NEED P	MORE THAN ONE SOURCE X	MORE THAN ONE SOURCE INCLUDING AN AWARD BASED ON NEED Q	NO INCOME	TOTAL
BROCK					14		7		75		4	28
CARLETON		4		1	5		4	2	82	2	2	133
GUELPH			2		12	4	11		38		34	130
LAKEHEAD					50				50			14
LAURENTIAN					25				71		4	24
MCMASTER		2			18		3		76	1		328
OTTAWA		1			13	1	12		67	1	6	174
QUEEN'S		7	1	3	4		5	1	70		8	287
TORONTO		4	1	1	6		8		72	2	5	832
TRENT									100			2
WATERLOO		3	1	2	5		6		71	4	8	729
WESTERN		2	4		8		3		75	4	4	254
W. LAURIER												0
WINDSOR				4	16		2	1	72	1	4	148
YORK		1	1		14		12		70		1	73
ALL		3	1	1	9		6		71	2	6	3134

TABLE 3 (D) PERCENTAGE OF STUDENTS RECEIVING INCOME FROM EACH SOURCE DIVISION IV

UNIVERSITY	PROVINCIAL FELLOWSHIPS A	FEDERAL AWARDS B	INDL. & INSTIT. AWARDS C	ENDOWMENT FUNDS D	UNIVERSITY TEACHING FUNDS F	UNIV. NON-TEACHING FUNDS G	STAFF RESEARCH GRANTS K	AWARDS BASED ON NEED P	MORE THAN ONE SOURCE X	MORE THAN ONE SOURCE INCLUDING AN AWARD BASED ON NEED Q	NO INCOME	TOTAL
BROCK	5				30				65			20
CARLETON	3				8		8		78	3	3	37
GUELPH		2	1	1	10	8	10		46		22	301
LAKEHEAD									100			1
LAURENTIAN		13			38				50			8
MCMASTER		8	1		8	1	11		71			119
OTTAWA		7			11		20	3	50	6	3	70
QUEEN'S		2	2	3	9		4		70		8	89
TORONTO	2	5	2	4	9		10	1	55	4	7	497
TRENT												0
WATERLOO		1			4		6	1	84	2	1	81
WESTERN	1	2	3		6		4	1	71	3	8	314
W. LAURIER												0
WINDSOR				3	10		24	3	52	3	3	29
YORK					12		9		79			34
ALL	1	4	1	2	8	2	9	1	60	2	10	1580

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 3 (E) PERCENTAGE OF STUDENTS RECEIVING INCOME FROM EACH SOURCE DIVISION IIA

	PROVINCIAL FELLOWSHIPS	FEDERAL AWARDS	INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	MORE THAN ONE SOURCE OF FUNDS	MORE THAN ONE SOURCE INCLUDING AN AWARD BASED ON NEED	NO INCOME	
UNIVERSITY	A	B	C	D	F	G	K	P	X	Q		TOTAL
BROCK												0
CARLETON	1			8	1	13		24	20	14	28	85
GUELPH												0
LAKEHEAD					19					10	71	62
LAURENTIAN												0
MCMASTER	2	1			50			18	5		26	200
OTTAWA	2	1		3	11			13	3	5	63	258
QUEEN'S		3	2	35	36				5	1	29	260
TORONTO	3		2	4	1	16		10	3	8	45	651
TRENT												0
WATERLOO												0
WESTERN	1	1	4	2	3		1	22	1	6	57	458
W. LAURIER	11										89	133
WINDSOR		1		3	12			16	8	11	48	73
YORK	1	3									95	264
ALL	2	1	2	6	10	5		13	3	5	54	2442

TABLE 3 (F) PERCENTAGE OF STUDENTS RECEIVING INCOME FROM EACH SOURCE DIVISIONS IA, IIA, IVA

	PROVINCIAL FELLOWSHIPS	FEDERAL AWARDS	INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	MORE THAN ONE SOURCE OF FUNDS	MORE THAN ONE SOURCE INCLUDING AN AWARD BASED ON NEED	NO INCOME	
UNIVERSITY	A	B	C	D	F	G	K	P	X	Q		TOTAL
BROCK												0
CARLETON		3			9		4		77	8	1	74
GUELPH												0
LAKEHEAD												0
LAURENTIAN												0
MCMASTER		2			10		4		81		2	136
OTTAWA					33		11		11		44	10
QUEEN'S		27							64		9	11
TORONTO	3	2	2	6	8	6	1	18	10	8	36	311
TRENT												0
WATERLOO												0
WESTERN	2		1		31			8	8	19	31	226
W. LAURIER												0
WINDSOR												0
YORK												0
ALL	2	2	1	2	16	3	2	10	24	9	25	776

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 3 (G) PERCENTAGE OF STUDENTS RECEIVING INCOME FROM EACH SOURCE ALL DIVISIONS

UNIVERSITY	PROVINCIAL FELLOWSHIPS A	FEDERAL AWARDS B	INDL. & INSTIT. AWARDS C	ENDOWMENT FUNDS D	UNIVERSITY TEACHING FUNDS F	UNIV. NON-TEACHING FUNDS G	STAFF RESEARCH GRANTS K	AWARDS BASED ON NEED P	MORE THAN ONE SOURCE OF FUNDS X	MORE THAN ONE SOURCE INCLUDING AN AWARD BASED ON NEED Q	NO INCOME	TOTAL
BROCK	2				16		3		70	2	8	64
CARLETON	1	1		2	12	4	2	4	57	8	7	674
GUELPH		1	1	1	19	6	8		41		23	672
LAKEHEAD					44				14	8	34	129
LAURENTIAN		3			31				60		6	35
MCMASTER		2		1	17		2	3	70		4	1349
OTTAWA	1	3		1	24		6	5	21	3	35	1081
QUEEN'S	1	7	1	13	14		2		46		16	1048
TORONTO	4	6	1	6	9	6	3	6	30	4	25	4467
TRENT					31				62		8	13
WATERLOO	1	3	1	3	9		4	1	62	6	10	1401
WESTERN	1	2	3	1	16		1	8	39	7	23	1707
W. LAURIER	8				20				5		67	183
WINDSOR	1	2		3	25		2	6	33	6	21	502
YORK	1	3			15	19	1		19		42	1247
ALL	2	4	1	3	14	4	3	4	39	4	22	14572

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 4 (A) CONTRIBUTION OF EACH SOURCE OF FUNDS

BY PERCENTAGE OF AWARDS AND BY PERCENTAGE OF TOTAL FUNDS INVOLVED

DIVISION I

UNIVERSITY	PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INDUSL. + INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL NUMBER OF AWARDS
BROCK	17			33	50				12
CARLETON	7	4		22	45	9	1	11	140
GUELPH	3	6		30	61				135
LAKEHEAD	7				79	7		7	14
LAURENTIAN			-	-	-	-	-		-
MCMASTER	4	3		44	49				529
OTTAWA	9	12			70		3	7	128
QUEEN'S	9	15	7	34	34			2	200
TORONTO	12	14	3	21	39	1	1	9	1005
TRENT	20				80				5
WATERLOO	6	4	1	26	44	8	2	9	428
WESTERN	8	7	2	17	57	4	1	4	422
W. LAURIER	21				79				14
WINDSOR	4			20	61			15	71
YORK	6	9		6	37	43			217
ALL	8	8	2	24	46	5	1	6	3322

UNIVERSITY	PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INDUSL. + INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL FUNDS
BROCK	26			6	68				$19000
CARLETON	10	10		18	51	5	1	5	$213000
GUELPH	3	15		22	61				$121000
LAKEHEAD	12				84	1		3	$28000
LAURENTIAN			-	-	-	-	-		$2000
MCMASTER	6	7	1	16	70				$894000
OTTAWA	8	27			62		1	3	$248000
QUEEN'S	8	31	4	27	28			1	$490000
TORONTO	12	28	3	19	34		1	4	$2092000
TRENT	27				73				$9000
WATERLOO	11	8		15	59	3	1	4	$561000
WESTERN	8	15	4	6	64	1		2	$806000
W. LAURIER	15				85				$32000
WINDSOR	8			15	70			8	$117000
YORK	6	18		2	35	39			$534000
ALL	9	19	2	15	43	4		2	$6165000

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 4 (B) CONTRIBUTION OF EACH SOURCE OF FUNDS

BY PERCENTAGE OF AWARDS AND BY PERCENTAGE OF TOTAL FUNDS INVOLVED

DIVISION II

UNIVERSITY	PROVINCIAL FELLOWSHIPS	FEDERAL AWARDS	INDUST. + INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV.NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL NUMBER OF AWARDS
BROCK			21	29		43		7	14
CARLETON	4	7		24	49	4	10	4	491
GUELPH	7		1	10	69	5	8		211
LAKEHEAD	9				73	4	9	5	56
LAURENTIAN									0
MCMASTER	3	5		35	49		7		576
OTTAWA	6	8			57	1	19	9	301
QUEEN'S	2	11	1	30	37		12		419
TORONTO	12	15	1	17	28	18	3	6	1058
TRENT	45				55				11
WATERLOO	6	9	4	23	40	4	5	5	576
WESTERN	6	8	5	13	50	1	13	4	667
W. LAURIER	23				78				40
WINDSOR	9	4		21	51		2	13	204
YORK	6	12	1	6	33	42			552
ALL	7	9	2	18	43	9	8	4	5176

									TOTAL FUNDS
BROCK			22	4		71		2	$19000
CARLETON	5	18		18	50	1	7	1	$748000
GUELPH	5		2	6	77	4	5		$222000
LAKEHEAD	14				78		5	2	$101000
LAURENTIAN									$0
MCMASTER	4	9	1	24	56		6		$1194000
OTTAWA	8	22			48		17	5	$456000
QUEEN'S	12	20	2	21	32		7		$790000
TORONTO	11	29	1	15	21	19	2	2	$2459000
TRENT	44				56				$27000
WATERLOO	7	17	5	12	45	4	8	2	$939000
WESTERN	8	18	9	6	50		8	2	$1303000
W. LAURIER	14				86				$68000
WINDSOR	15	7		13	59		2	5	$362000
YORK	7	22		3	31	36			$1101000
ALL	8	20	2	13	49	10	5	1	$9989000

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 4 (C) CONTRIBUTION OF EACH SOURCE OF FUNDS

BY PERCENTAGE OF AWARDS AND BY PERCENTAGE OF TOTAL FUNDS INVOLVED

DIVISION III

UNIVERSITY	PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INDUSL. + INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL NUMBER OF AWARDS
BROCK	7	2		16	41		34		58
CARLETON		12		16	44	2	25	1	285
GUELPH	4	4	5	3	38	6	40		206
LAKEHEAD	5				67		29		21
LAURENTIAN	6	2		13	48		31		52
MCMASTER	1	9	1	10	48		31		649
OTTAWA	1	6			48		44	1	287
QUEEN'S	2	13	1	21	38		24		474
TORONTO	3	16	2	9	36	2	30	1	1626
TRENT					50		50		4
WATERLOO	2	9	3	16	36	4	28	2	1473
WESTERN	3	7	4	7	47	1	29	2	591
W. LAURIER									0
WINDSOR	1	4		20	45		29	1	280
YORK	2	12	1	1	49		36		129
ALL	2	10	2	12	41	2	30	1	6135

									TOTAL FUNDS
BROCK	12	7			45		37		$76000
CARLETON		27		12	40		20		$517000
GUELPH	3	5	6	2	39	6	39		$229000
LAKEHEAD	8				77		15		$41000
LAURENTIAN	9	6		8	43		34		$89000
MCMASTER	3	17	1	3	52		25		$1445000
OTTAWA	1	12			39		48		$509000
QUEEN'S	2	29	3	15	28		23		$929000
TORONTO	2	31	4	8	27	1	26	1	$3237000
TRENT					58		42		$4000
WATERLOO	2	16	3	7	36	1	33	1	$2669000
WESTERN	3	14	9	3	42		29	1	$1061000
W. LAURIER									$0
WINDSOR	2	7		11	44		36		$570000
YORK	2	18		1	46		34		$274000
ALL	2	21	3	7	36	1	29		$11651000

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 4 (D) CONTRIBUTION OF EACH SOURCE OF FUNDS

BY PERCENTAGE OF AWARDS AND BY PERCENTAGE OF TOTAL FUNDS INVOLVED

DIVISION IV

UNIVERSITY	PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INDUSL. INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV.NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL NUMBER OF AWARDS
BROCK	6	6			54		34		35
CARLETON	8	5		9	45		31	1	75
GUELPH	11	5	5	2	31	18	28		539
LAKEHEAD				-	-	-	-	-	2
LAURENTIAN	8	4		8	33		46		24
MCMASTER		12	2	9	41		35		218
OTTAWA	1	8			40		46	5	112
QUEEN'S	2	11	1	29	44		14		162
TORONTO	5	16	3	8	37		28	3	769
TRENT									0
WATERLOO	6	5	4	12	39	4	29	2	179
WESTERN	3	9	5	6	49	2	23	2	443
W. LAURIER									0
WINDSOR	6	2		14	37		37	4	46
YORK	7	7		3	48		35		69
ALL	5	10	3	8	39	4	28	2	2696

									TOTAL FUNDS
BROCK	5	19			30		46		$52000
CARLETON	11	19		6	32		38		$125000
GUELPH	6	9	3	1	25	22	34		$824000
LAKEHEAD				-	-	-	-		-
LAURENTIAN	15	13		4	30		38		$39000
MCMASTER		29	3	3	35		30		$522000
OTTAWA	1	16			24		56	3	$191000
QUEEN'S	2	28	1	21	29		19		$306000
TORONTO	4	29	5	5	22		32	1	$1719000
TRENT									$0
WATERLOO	6	9	5	5	43	2	28	1	$333000
WESTERN	3	18	12	3	33	1	27	1	$862000
W. LAURIER									$0
WINDSOR	9	5		12	50		23		$83000
YORK	10	15		1	43		30		$134000
ALL	4	21	5	5	29	4	31	1	$5194000

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 4 (E) CONTRIBUTION OF EACH SOURCE OF FUNDS

BY PERCENTAGE OF AWARDS AND BY PERCENTAGE OF TOTAL FUNDS INVOLVED

DIVISION IIA

UNIVERSITY	PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INDUSL. INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV.NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL NUMBER OF AWARDS
BROCK									0
CARLETON	17	2		26	29	13	3	9	106
GUELPH									0
LAKEHEAD					75			25	24
LAURENTIAN									0
MCMASTER	2	1	3	2	70			23	151
OTTAWA	3	4		9	37		7	40	116
QUEEN'S	3	4	3	52	36			2	204
TORONTO	8		10	11	7	27		37	426
TRENT									0
WATERLOO									0
WESTERN	2	3	9	7	16	1	4	57	227
W. LAURIER	100								14
WINDSOR	4	3		18	46			30	60
YORK	17	75	8						12
ALL	6	3	5	17	28	10	1	30	1360

									TOTAL FUNDS
BROCK									$0
CARLETON	30	6		23	28	3	2	8	$101000
GUELPH									$0
LAKEHEAD					59			41	$12000
LAURENTIAN									$0
MCMASTER	6	3	3	3	61			25	$160000
OTTAWA	11	19		2	21		10	37	$94000
QUEEN'S	8	22	7	44	17			3	$198000
TORONTO	15		4	14	5	45		17	$553000
TRENT									$0
WATERLOO									$0
WESTERN	4	9	28	6	6	1	2	43	$258000
W. LAURIER	100								$18000
WINDSOR	9	3		11	57			20	$95000
YORK	6	91	4						$96000
ALL	12	10	7	14	18	17	1	21	$1544000

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 4 (F) CONTRIBUTION OF EACH SOURCE OF FUNDS

BY PERCENTAGE OF AWARDS AND BY PERCENTAGES OF TOTAL FUNDS INVOLVED

DIVISIONS IA, IIA, IVA

UNIVERSITY	PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INDUSL. INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV.NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL NUMBER OF AWARDS
BROCK									0
CARLETON	1	5		15	47		27	5	140
GUELPH									0
LAKEHEAD									0
LAURENTIAN									0
MCMASTER		8		10	48		34		258
OTTAWA					67		33		12
QUEEN'S		59	41						17
TORONTO	5	4	6	14	19	14	8	29	276
TRENT									0
WATERLOO									0
WESTERN	6		2	1	60	5	4	22	248
W. LAURIER									0
WINDSOR									0
YORK									0
ALL	3	5	3	9	42	5	17	15	949

									TOTAL FUNDS
BROCK									$0
CARLETON	1	10		12	47		29	1	$250000
GUELPH									$0
LAKEHEAD									$0
LAURENTIAN									$0
MCMASTER		14	1	3	53		30		$535000
OTTAWA					70		30		$21000
QUEEN'S		76	24						$40000
TORONTO	8	13	8	18	30	6	11	16	$346000
TRENT									$0
WATERLOO									$0
WESTERN	13		4	1	51	4	6	21	$220000
W. LAURIER									$0
WINDSOR									$0
YORK									$0
ALL	4	12	4	8	42	2	20	7	$1412000

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

TABLE 4 (C) CONTRIBUTION OF EACH SOURCE OF FUNDS

BY PERCENTAGE OF AWARDS AND BY PERCENTAGE OF TOTAL FUNDS INVOLVED

ALL DIVISIONS

UNIVERSITY	PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INDUSL. INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL NUMBER OF AWARDS
BROCK	7	3	3	14	41	9	27	1	119
CARLETON	4	7		20	45	4	15	5	1237
GUELPH	8	4	4	7	43	11	23		1111
LAKEHEAD	6				73	3	10	9	117
LAURENTIAN	6	3		12	45		35		78
MCMASTER	2	6	1	23	49		17	1	2381
OTTAWA	4	7		1	52		26	10	956
QUEEN'S	5	12	3	30	37		13	1	1476
TORONTO	7	13	3	13	32	7	15	8	5160
TRENT	30				60		10		20
WATERLOO	4	8	3	19	38	5	20	4	2656
WESTERN	5	7	4	9	48	2	15	10	2596
W. LAURIER	38				62				68
WINDSOR	5	3		20	48		15	10	684
YORK	6	12	1	5	37	33	7		979
ALL	5	9	2	15	41	5	16	5	19638

									TOTAL FUNDS
BROCK	10	9	3	1	38	8	31		$165000
CARLETON	5	18		15	45	1	14	2	$1955000
GUELPH	5	7	3	4	39	14	27		$1396000
LAKEHEAD	12				77		6	5	$183000
LAURENTIAN	11	8		7	40		34		$130000
MCMASTER	3	14	1	11	55		16	1	$4750000
OTTAWA	5	18			43		29	5	$1520000
QUEEN'S	6	28	3	21	28		12		$2752000
TORONTO	7	28	4	12	25	8	14	3	$10406000
TRENT	36				60		4		$40000
WATERLOO	5	15	3	9	41	2	23	1	$4502000
WESTERN	6	15	9	4	45	1	15	5	$4510000
W. LAURIER	27				73				$118000
WINDSOR	7	6		12	52		19	4	$1227000
YORK	8	22		2	34	30	6		$2300000
ALL	6	19	3	10	38	5	16	2	$35954000

NOTE: USE ONLY AFTER CONSIDERATION OF THE LIMITATIONS DETAILED IN THE TEXT OF THIS REPORT.

SURVEY OF GRADUATE STUDENT INCOMES IN ONTARIO 1974-75

Appendix 1

CLASSIFICATION OF DISCIPLINES BY DIVISION

(Terminology based on Statistics Canada Classification of Disciplines)

DIVISION I - Fine and Applied Arts, Humanities and Related

Art theory, art history, art appreciation
Classics, classical languages
Creative writing
Drama
English
Fine art, design
History
Mass media studies
Modern and mediaeval languages and literature
Music
Philosophy
Religious studies
PhD programmes in: Library science
Journalism

DIVISION I A

Art gallery administration
Master of Library Science
Translation and interpretation
Master's programmes in: Journalism

DIVISION II - Education, Social Sciences and Related

Anthropology
Archaeology
Area studies (multidisciplinary), e.g. Near Eastern studies, Jewish studies
Economics
Environmental studies, regional planning
Geography
Law
Linguistics
Military studies
Physical and health education and recreation
Political science
Psychology
Sociology
PhD programmes in: Business administration; (all branches)
Education administration;
Social work

DIVISION II A

Master of Business Administration and similar programmes
Secretarial science
Master of Museology and similar programmes
Master's programmes in: Education (all branches)
Social work
Education administration

DIVISION III - Mathematics and the Physical Sciences Engineering and Applied Sciences

Actuarial science
Applied mathematics
Architecture - except M Arch and similar programmes
Astronomy
Chemistry
Computer science
Engineering - except M Eng and similar programmes
Engineering science
Forestry
Geology
Landscape architecture
Mathematics
Metallurgy, materials science
Meteorology
Oceanography
Physics
Statistics

DIVISION III A

Master of Architecture and similar programmes
Master of Engineering and similar programmes

DIVISION IV - Agricultural and Biological Sciences Health Professions and Occupations

Agriculture
Animal science
Biochemistry
Biology
Biophysics
Botany
Dentistry, dental hygiene
Food science
Household science
Medicine, basic science with medicine
Medical specializations
Optometry
Paraclinical science
Pharmacy
Public health
Rehabilitation medicine
Surgery
Veterinary medicine, veterinary sciences
Zoology
PhD programmes in: Nursing

DIVISION IV A

Master's programmes in: Nursing

SURVEY OF GRADUATE STUDENT INCOMES IN ONTARIO 1974-75

Appendix 2

DEFINITIONS

Extract from the Ontario Ministry of Colleges and Universities "Formula Manual", amended for application to the COU Graduate Student Income Survey:

To count as a graduate student for purposes of calculating formula operating grants, a student must:

(i) be engaged in studies requiring an honours undergraduate degree or its equivalent as a prerequisite for admission (the honours degree admission requirement does not apply, however, to students enrolled in category 5 graduate programmes). Students holding an undergraduate general degree or its equivalent and enrolled in programmes listed under categories 6, 7 and 8, should be identified as "qualifying year" or "make-up" students and reported as undergraduates.

(ii) not be enrolled in a baccalaureate programme in any of the following professional fields: social work, library science, law, medicine, teacher education. Even though such a student possesses an honours undergraduate degree, he is not considered to be a graduate student.

(iii) be making substantial demands upon the resources of the university in which he is registered.

Category 5 Master's Level and First-Year PhD direct from Baccalaureate in:

Commerce and Business Administration
Social work
Hospital administration
Public administration
Journalism

Categories 6, 7 and 8

All other master's and PhD level programmes including all specialist graduate diploma courses...

Full-time graduate student:

A full-time graduate student must:

(i) be pursuing his studies as a full-time occupation.

(ii) identify himself as a full-time graduate student.

(iii) be designated by his university as a full-time graduate student.

(iv) be geographically available and visit the campus regularly. Without forfeiting full-time status a graduate student, while still under supervision, may be absent from his university (e.g. visiting libraries, doing field work, attending a graduate course at another institution, etc.) provided that, if any such period of absence exceeds four weeks in any term, written evidence shall be available in the Graduate Studies Office to the effect that the absence has the approval of the Chairman of the Department and the Dean of Graduate Studies.

(v) not be employed outside the university except by permission of his supervisor.

(vi) not be regularly employed -- save in the most exceptional circumstances -- on other work or by the university for more than an average of ten hours per week for any period for which he is registered as a full-time student. If the student is employed as a teaching fellow or demonstrator, the ten hours per week should represent the total time spent by the student in connection with the appointment -- including preparation, reading set assignments, marking examinations, etc.

Definition of Sources

a) Provincial fellowship: an award made to the student by a provincial (or state) government department. The award must have been given without reference to the student's financial situation and without requiring services in return (e.g. the P O G F).

b) Federal award: an award made to the student by a federal government department or agency. The award must have been given without reference to the student's financial situation and without requiring services in return (e.g. fellowships and scholarships from the Canada Council, N R C, M R C, C I D A, etc.).

c) Industrial or institutional award: an award made directly to the student by an institution, other than the university, or by an industrial organization. The award must have been given without reference to the student's financial situation.

d) Non-service award from endowments and university funds: an award made by the university from endowed or other operating funds without requiring some service in return. Included are all such awards, whether or not they were based on an assessment of the student's personal financial situation. Loans are not included.

f) University teaching funds: an award made by the university to a full-time graduate student which required the student to engage in some teaching activity (e.g. lecturing, demonstrating, tutoring, marking). Included are awards which exceed direct renumeration for services rendered.

g) University non-teaching service funds: an award made by the university to a full-time graduate student which required the student to engage in some non-teaching activity (e.g. library supervision, residence proctoring). Do not include renumeration paid to students for work done during periods when they were not registered as full-time students.

p) Award based on need assessment: an award from any agency outside the university which was based wholly or in a major part on an assessment of the student's personal financial situation (e.g. the Ontario Student Assistance Programme). Do not include loans.

x) More than one source of funds: those students who received funds from more than one of sources a), b), c), d), f), g), k).

q) p) and awards from any other category: those students who received one or more awards based on need assessment in addition to one or more awards from other sources.

All types of awards which are associated with a student's registration as a full-time graduate student are included in one of the source definitions given.

Fee remission is included in this study as if it were ordinary income of the same value as the remitted fees paid to the student from whatever source remits the fees. Not included is the special MCU-approved "tuition-fee bursary".

Appendix 3

A COMPARISON OF GRADUATE STUDENT INCOMES IN ONTARIO

1973-74 and 1974-75

Introduction

The data for this summary have been compiled from those gathered for the COU studies of graduate student incomes in Ontario. The limitations and definitions detailed in the reports listed at the end of this text, with the exception of those concerning rounding and suppression to preserve confidentiality, also apply, where appropriate, to the data presented here. This summary must therefore be read in conjunction with the earlier reports.

It was reported last year that there was a lack of change in graduate student support in Ontario during the period 1971-72 to 1973-74. Such is not true for the 1974-75 year. This report shows a moderate increase in the percentage of students who received over $4,800 and fairly substantial changes in the sources of funds for graduate student stipends. For this one year it would appear that direct government support for graduate students has not kept pace with increasing enrolment and costs. At least part of the shortfall has been made up from sources within the universities. A more detailed analysis following the collection of 1975-76 data will clarify the changes which at this time can be treated as little more than very interesting phenomena.

For the purpose of these income studies, graduate student enrolment includes all those who were registered as full-time graduate students for one or more terms during the appropriate academic year. It thus differs significantly from the more usual definitions of full-time enrolment. Table I shows the percentage change in enrolment from 1973-74 to 1974-75.

Changes in level of support

Table II shows the change in the percentage of graduate students in each income range from 1973-74 to 1974-75.

The changes shown are considerably more significant than those reported last year, but it will take at least one more year's data to determine their absolute impact. Virtually all graduate schools show a moderate increase in the percentage of students who received over $4,800. The percentage of students who received over $6,000 is now becoming significant in some schools. This continues a trend noted in last year's report. It was also noted last year that the percentage of students who received less than $1,601 was increasing in certain schools. The figures this year suggest that this trend has been slowed or halted in most schools, though only one of the ten largest schools shows a large decline in this population.

Over the three year period 1972-73 to 1974-75 the percentage of students who received no income has wavered in most schools, but no clearly discernable

trend has yet emerged.

The shift towards higher levels of support was fairly pronounced in most divisions of most graduate schools. The data do not clearly indicate whether this is due to the increasing value of stipends to account for inflation or to substantial changes in graduate support policies, although they suggest that the increasing value of stipends to keep abreast of the cost of living could not account for the total pattern of the past three years.

It is anticipated that the 1975-76 data will assist greatly in the interpretation of these changes and it is expected that a more detailed analysis will be undertaken when they are available.

Changes in the source of support

Table III shows the change in the percentage of students receiving income from each income category.

Over all graduate schools the changes are of only slight statistical significance. However, in almost all schools an overwhelming majority of those students who receive a stipend are in one of two categories, receiving either an income from university teaching funds only or an income from more than one source. The percentage of students who received a federal or provincial award as their only income decreased for the second year and the percentage of students relying on bursaries (primarily OSAP) as their only income increased slightly for the second year. Changes within universities were sometimes more dramatic, with five of the ten largest schools showing increases in the percentage of students receiving university teaching funds only. Over the period 1972-73 to 1974-75, however, many of these changes appear to be less significant.

Table IV shows the change in the number of individual awards from each source of funds and the change in the dollar contribution of each source. The total number of awards increased by 2%, compared with a 7.7% increase in the number of students, but the total funds involved increased by 14% to almost $36 million. Total provincial support dropped dramatically. A 10% decrease in the number of federal awards was almost balanced by an increase in the total funds provided by such awards. In any case, the decrease in the number of federal awards is only slightly larger than the decrease reported last year. A slight drop in the number of awards provided from staff research grants also only partially reverses last year's increase. The number of awards based on need continued to increase, as did the total dollar amount provided from endowment funds. A $2 million increase for the second consecutive year in the total amount provided from university teaching funds was matched by no growth in the number of students receiving such income. A fairly large increase in the number and total amount of stipends provided from university non-teaching service funds more than eliminated the decrease in this category reported last year. While there are very major differences between universities it is interesting to note that most of the ten largest graduate schools are generally showing changes in the same direction in the number of awards and amount of funds provided from each source.

Limitations and cautionary notes

Minor changes were made in the survey definitions prior to 1973-74. The tables in this report are based on the 1974-75 definitions, but comments relating to 1972-73 data are generally based on the earlier definitions and users should refer to the earlier reports for a detailed explanation. The four divisions used in this report correspond to an addition of the related pairs of divisions used in the 1974-75 report.

It should be noted that for certain sources, especially endowment and other university funds, university teaching funds, university non-teaching service funds, and staff research grants, apparent changes in the number of awards may not be significant. In many cases a student may receive more than one award during the course on an academic year. A change in the number of awards may simply reflect administrative changes in the accounting of such funds and may have no impact on the number of students who received such an award or on the dollar amount which individual recipients obtained by virtue of such awards. Changes in the dollar contribution of such sources are, of course, much more significant.

Difficulties which individual universities encounter when collecting data on Ontario Student Assistance Programme recipients may seriously affect the reliability of data shown in awards based on need columns of this report.

The base data for this report are self-reported by the institutions and therefore no statistical assessment of their reliability is possible. A subjective assessment leads to the conclusion that users may assume a reasonable lev l of confidence in the data presented. Small changes may not be significant and changes in accounting practices may be responsible for some of the apparent changes.

USERS SHOULD EXERCISE CAUTION WHEN USING DATA FROM THIS REPORT. Specific limitations which have an impact on the data presented in this report are described in the specific limitations sections of the reports on which this report is based.

C.F.W.I.
July 13, 1976

Previous reports in this series:

1. Financial Resources of Graduate Student in Ontario, 1971-72, COU, October, 1973.

2. Graduate Student Incomes in Ontario 1972-73, COU, April, 1974.

3. Graduate Student Incomes in Ontario 1973-74, COU, April, 1975.

4. A Comparison of Graduate Student Incomes in Ontario 1972-73 and 1973-74, COU, May, 1975.

TABLE I

PERCENTAGE INCREASE IN GRADUATE ENROLMENT 1973-74 TO 1974-75
AS COUNTED FOR COU GRADUATE STUDENT INCOMES SURVEY

THE DATA IN THIS TABLE HAVE NO INDEPENDENT MEANING, BUT ARE REQUIRED FOR PROPER INTERPRETATION OF OTHER TABLES IN THIS REPORT

UNIVERSITY	DIVISION I	II	III	IV	TOTAL
BROCK	11.1	50.0	21.7	33.3	25.5
CARLETON	-11.2	2.7	9.5	8.8	2.9
GUELPH	-8.9	-32.5	49.4	13.4	4.7
LAKEHEAD	-8.3		40.0	100.0	3.2
LAURENTIAN			41.2		25.0
MCMASTER	9.4	12.2	-0.4	11.2	7.0
OTTAWA	-34.7	3.4	1.6	-54.2	-9.5
QUEEN'S	-4.0	4.8	-11.3	4.7	-1.4
TORONTO	10.0	-1.0	-2.8	21.1	3.8
TRENT	150.0	600.0	-60.0		85.7
WATERLOO	68.0	-7.2	0.7	3.8	6.5
WESTERN	3.9	5.1	1.1	8.5	4.6
W. LAURIER	-60.0	271.7			140.8
WINDSOR	57.5	28.2	8.1	26.1	24.3
YORK	25.2	99.4		-17.1	68.1
ALL	6.7	12.4	1.0	6.4	7.7

NOTES: 1. NO CHANGE IS INDICATED BY A BLANK
2. INCREASES FROM ZERO TO N ARE SHOWN AS N
3. SEE TEXT FOR DEFINITIONS AND CAUTIONARY NOTES

TABLE II (A)

CHANGE IN THE PERCENTAGE OF STUDENTS IN EACH INCOME RANGE

ALL DIVISIONS

1973-74 TO 1974-75

UNIVERSITY	NIL	$ 1-1000	$ 1001-1600	$ 1601-2400	$ 2401-3600	$ 3601-4800	$ 4801-6000	OVER $6000
BROCK		+5	+7	-10	-17	+10	+3	+2
CARLETON	-8	+3	-1	-1	-11	+3	+14	
GUELPH	+10	+2	+1	-5	-4	+9	-2	
LAKEHEAD	-2	-1	+1	-1	+3	-4	+3	+1
LAURENTIAN	-1	-1	-5	+1	+8	-3	-4	+6
MCMASTER		+5	-6	-2	-12	+2	+10	+2
OTTAWA	+1		+3	-1	-1	-1		+1
QUEEN'S	+1	-1			-5	+1	+2	+2
TORONTO	-3		-2	+1	-2	-1	+4	+2
TRENT	+8		+23		-13	-56	+38	
WATERLOO	+1	+3	+1	-3	-1	-5		+5
WESTERN	-8	-1	+3	-3	+1	-3	+5	+6
W. LAURIER	+20	+7	-6	-8	-13			
WINDSOR	-6	+2	+3	-20	+2	-3	+5	+2
YORK	+25	-6	-1	-1	-13	-6	-7	+3
ALL	+1		-1	-1	-4	-1	+4	+3

TABLE II (B)

CHANGE IN THE PERCENTAGE OF STUDENTS IN EACH INCOME RANGE

ALL UNIVERSITIES

1973-74 TO 1974-75

	NIL	$ 1-1000	$ 1001-1600	$ 1601-2400	$ 2401-3600	$ 3601-4800	$ 4801-6000	OVER $6000
DIVISION I	-3		-2	+1	-1	+1	+3	+2
DIVISION II	+2		-1	-1	-4		+1	+2
DIVISION III	+1			-1	-4	-7	+8	+5
DIVISION IV	-2	+1	+2	-1	-6		+4	+2
ALL DIVS	+1		-1	-1	-4	-1	+4	+3

NOTES: 1. FIGURES ARE ROUNDED TO NEAREST WHOLE NUMBER.
2. NO CHANGE IS INDICATED BY A BLANK.
3. SEE TEXT FOR CAUTIONARY NOTES.

TABLE III(A)

CHANGE IN THE PERCENTAGE OF STUDENTS RECEIVING INCOME FROM EACH INCOME CATEGORY

ALL DIVISIONS

1973-74 TO 1974-75

	PROVINCIAL FELLOWSHIPS	FEDERAL AWARDS	INDL. & INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	MORE THAN ONE SOURCE OF FUNDS	MORE THAN ONE SOURCE INCLUDING AN AWARD BASED ON NEED	NO INCOME
UNIVERSITY	A	B	C	D	F	G	K	P	X	Q	
BROCK	+2			-2	+10		-3		-9	+2	
CARLETON	-1	+1		+1	-2	+4		-3	+5	+1	-8
GUELPH		-6	-4		+3	-1	-2				+10
LAKEHEAD					+9			-2	-4	-2	-2
LAURENTIAN	-1	+3			+3		-4		+3		1
MCMASTER				-2	+12				-7	-3	
OTTAWA	-3				+3		+1	+1	-1	+1	
QUEEN'S	-4	+1	-1		+5		-1			-2	+1
TORONTO		-1	+1		-5	+6		+1			-3
TRENT					+31				-38		+8
WATERLOO			+1	+1	-1				-9	+6	+1
WESTERN		-1			-1		-3	+7	-1	+7	-8
W. LAURIER	-2				-21				+4		+20
WINDSOR	-2			-3	+1			+3	-5	-1	+8
YORK		-5			-10	+4			-14		+25
ALL	-1	-1				+3		+1	-3	+1	+1

NOTES:
1. FIGURES ARE ROUNDED TO NEAREST WHOLE NUMBER.
2. NO CHANGE IS INDICATED BY A BLANK.
3. SEE TEXT FOR CAUTIONARY NOTES.

TABLE III(B)

CHANGE IN THE PERCENTAGE OF STUDENTS RECEIVING INCOME FROM EACH INCOME CATEGORY

ALL UNIVERSITIES

1973-74 TO 1974-75

	PROVINCIAL FELLOWSHIPS	FEDERAL AWARDS	INDL. & INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	MORE THAN ONE SOURCE OF FUNDS	MORE THAN ONE SOURCE INCLUDING AN AWARD BASED ON NEED	NO INCOME
	A	B	C	D	F	G	K	P	X	Q	
DIVISION I	-3			+1	+3	+1		+2	-2	+2	-3
DIVISION II	-1	-1		-1	-3	+5	-1	+2	-4		+2
DIVISION III					+1				-3	+1	+1
DIVISION IV	+1	-3	+1	-1	+2	-1	-1		+3	+1	-2
ALL DIVS	-1	-1				+3		+1	-3	+1	+1

NOTES:
1. FIGURES ARE ROUNDED TO NEAREST WHOLE NUMBER.
2. NO CHANGE IS INDICATED BY A BLANK.
3. SEE TEXT FOR CAUTIONARY NOTES.

TABLE IV (A)

PERCENTAGE CHANGE IN THE NUMBER OF AWARDS AND AMOUNT OF FUNDS PROVIDED BY EACH SOURCE

ALL DIVISIONS

1973-74 TO 1974-75

UNIVERSITY	PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INSTIT. + INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV.GOV-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS FUNDED BY OTHER	ALL SOURCES
BROCK AWARDS	+33	-25	+3	+143	+29	+20	+7		+31
BROCK DOLLARS	+62	+20	+4000	-41	+33	+67	+4		+26
CARLETON AWARDS	-22	+87	-67	+61	+23	+169	+32	-42	+27
CARLETON DOLLARS	-20	+124	-81	+82	+17	+606	+53	-76	+28
GUELPH AWARDS	-16	-50	+29	-14	-14	-36	-40		-27
GUELPH DOLLARS	-8	-71	-31	-20	+12	+14	-5		-13
LAKEHEAD AWARDS	-22		-100	-100	+9	+50	+50	-33	
LAKEHEAD DOLLARS	+38		-100	-100	+6	+153	+62	-30	+8
LAURENTIAN AWARDS	+67	+2*	-100	+50	+67		+93		+73
LAURENTIAN DOLLARS	+80	+10000*	-100	+50	+27		+142		+69
MCMASTER AWARDS	-61	-12	+155	+35	+9		+10		+8
MCMASTER DOLLARS	-55	+11	+122	-20	+37		+6	-21	+12
OTTAWA AWARDS	-69	+13		-9	-4	+3*	-9	+21	-0
OTTAWA DOLLARS	-69	+6		-36	+2	+1000*	-4	+15	-9
QUEEN'S AWARDS	-39	-1	+8	+23	+1		-19	-68	-1
QUEEN'S DOLLARS	-26	+20	-13	+10	+13		-16	-23	+5
TORONTO AWARDS	-44	-20	-36	+108	-25	+182	+11	+13	-5
TORONTO DOLLARS	-17	+2	-1	+62	-3	+380	+13	+17	+14
TRENT AWARDS	+50			-100	+100		-33		+43
TRENT DOLLARS	+75			-100	+135		-81		+44
WATERLOO AWARDS	-25	+8	-38	+159	+1	+9	-11	+946	+12
WATERLOO DOLLARS	-8	+4	-34	+127	+14	+17	+2	+917	+12
WESTERN AWARDS	-25	-9	+143	+31	+25	-38	-15	+19	+11
WESTERN DOLLARS	-11	+14	+201	+44	+42	-10	-5	+19	+28
W. LAURIER AWARDS	+189				+31				+66
W. LAURIER DOLLARS	+137				+28				+46
WINDSOR AWARDS	-24	-8	-100	+5	+25		+4	+48	+14
WINDSOR DOLLARS	+62	-4	-100	+8	+29		+20	+8	+23
YORK AWARDS	-42	+11	+101	+11	-1	+58	-23		+8
YORK DOLLARS	-10	+20	-68	+7	+33	+93	-7		+32
ALL AWARDS	-38	-10	-10	+54	-1	+40	-6	+17	+2
ALL DOLLARS	-22	+6	+18	+35	+16	+123	+4	+4	+14

NOTES: 1. FIGURES ARE ROUNDED TO NEAREST WHOLE NUMBER; NO CHANGE IS INDICATED BY A DASH.
2. *INCREASES FROM ZERO ARE REPRESENTED BY THE ACTUAL VALUE OF THE INCREASE, ROUNDED TO THE NEAREST $1000.
3. FIGURES MAY NOT BE ACCURATE TO SIGNIFICANCE SHOWN. SEE TEXT FOR CAUTIONARY NOTES.

TABLE IV (B)

ACTUAL CHANGE IN THE NUMBER OF AWARDS AND AMOUNT OF FUNDS PROVIDED BY EACH SOURCE

ALL DIVISIONS

1973-74 TO 1974-75

UNIVERSITY		PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INDUSL. INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV.NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL NUMBER OF AWARDS
BROCK	AWARDS	+2	-1	+3	+10	+11	+1	+2		+28
	DOLLARS	+6000	+3000	+4000	-2000	+16000	+5000	+2000		+34000
CARLETON	AWARDS	-15	+39	-2	+95	+105	+37	+45	-40	+260
	DOLLARS	-26000	+192000	-5000	+134000	+126000	+18000	+96000	-105000	+430000
GUELPH	AWARDS	-17	-46	+9	-13	-80	-71	-170		-402
	DOLLARS	-6000	-253000	-20000	-13000	+58000	+25000	-18000		-210000
LAKEHEAD	AWARDS	-2		-1	-4	+7	+1	+4	-5	
	DOLLARS	+6000			-1000	+8000		+5000	-4000	+14000
LAURENTIAN	AWARDS	+2	+2	-1	+3	+14		+13		+33
	DOLLARS	+6000	+10000	-4000	+3000	+11000		+26000		+53000
MCMASTER	AWARDS	-86	-20	+11	+142	+94		+38		+179
	DOLLARS	187000	+66000	+30000	-132000	-696000		+41000	-10000	+504000
OTTAWA	AWARDS	-89	+8		-1	-20	+3	-8	+16	-84
	DOLLARS	-173000	+16000		-1000	+16000	+1000	-21000	+9000	-153000
QUEEN'S	AWARDS	-46	-2	+3	+84	+5		-51	-19	-26
	DOLLARS	-64000	+126000	-14000	+55000	+91000		-70000	-4000	+123000
TORONTO	AWARDS	-293	-172	-90	+355	-548	+249	+73	+51	-278
	DOLLARS	-159000	+63000	-3000	+564000	-74000	+622000	+167000	+47000	+1277000
TRENT	AWARDS	+2			-1	+6		-1		+6
	DOLLARS	+6000				+14000		-7000		+12000
WATERLOO	AWARDS	-32	+16	-48	+303	+12	+10	-65	+92	+290
	DOLLARS	-18000	+24000	-81000	+229000	+231000	+14000	+19000	+59000	+475000
WESTERN	AWARDS	-41	-17	+67	+58	+250	-36	-66	+39	+254
	DOLLARS	-31000	+84000	+283000	+62000	+602000	-4000	-37000	+34000	+992000
W. LAURIER	AWARDS	+17				+10				+27
	DOLLARS	+19000				+19000				+37000
WINDSOR	AWARDS	-10	-2	-3	+5	+56		+4	+21	+82
	DOLLARS	+35000	-3000	-3000	+11000	+145000		+39000	+4000	+226000
YORK	AWARDS	-40	+11	+3	+5	-4	+119	-21		+73
	DOLLARS	-16000	+83000	-10000	+4000	+178000	+328000	-11000		+556000
ALL	AWARDS	-641	-184	-48	+1044	-71	+309	-196	+155	+448
	DOLLARS	-602000	+413000	+177000	+913000	+2135000	+1010000	+230000	+30000	+4371000

NOTES: 1. NO CHANGE IS INDICATED BY A BLANK.
2. 'DOLLAR' FIGURES ARE ROUNDED TO THE NEAREST $1000.
3. FIGURES MAY NOT BE ACCURATE TO SIGNIFICANCE SHOWN; SEE TEXT FOR CAUTIONARY NOTES.

TABLE IV (C)

INCREASE IN THE NUMBER OF AWARDS AND AMOUNT OF FUNDS PROVIDED BY EACH SOURCE

ALL UNIVERSITIES

1973-74 TO 1974-75

		PROVINCIAL FELLOW-SHIPS	FEDERAL AWARDS	INDUSL. + INSTIT. AWARDS	ENDOWMENT FUNDS	UNIVERSITY TEACHING FUNDS	UNIV. NON-TEACHING SERVICE FUNDS	STAFF RESEARCH GRANTS	AWARDS BASED ON NEED	TOTAL NUMBER OF AWARDS
DIVISION I	AWARDS	-276 (-49)	-13 (-4)	31 (+61)	303 (+58)	81 (+5)	55 (+35)	-21 (-44)	115 (+59)	261 (+8)
	DOLLARS	-339000 (-36)	180000 (+17)	46000 (+43)	151000 (+19)	916000 (+42)	90000 (+50)	-41000 (-67)	75000 (+47)	1114000 (+21)
DIVISION II	AWARDS	-330 (-41)	-33 (-6)	-58 (-27)	384 (+49)	-206 (-7)	342 (+121)	-23 (-5)	77 (+14)	181 (+3)
	DOLLARS	-295000 (-22)	233000 (+12)	67000 (+24)	482000 (+49)	323000 (+8)	913000 (+270)	14000 (+3)	-17000 (-4)	1721000 (+18)
DIVISION III	AWARDS	-42 (-24)	-77 (-10)	-60 (-32)	282 (+60)	-16 (-1)	-23 (-16)	-14 (-1)	44 (+98)	144 (+2)
	DOLLARS	-7000 (-3)	198000 (+9)	-40000 (-10)	225000 (+35)	583000 (+14)	-10000 (-8)	169000 (+5)	40000 (+136)	1159000 (+10)
DIVISION IV	AWARDS	15 (+11)	-54 (-17)	21 (+30)	64 (+41)	50 (+5)	-64 (-34)	-131 (-15)	17 (+50)	-56 (-2)
	DOLLARS	65000 (+37)	-213000 (-16)	116000 (+73)	45000 (+21)	308000 (+24)	22000 (+12)	88000 (+6)	13000 (+51)	451000 (+9)
ALL DIVS	AWARDS	-641 (-38)	-184 (-10)	-49 (-10)	1000 (+54)	-71 (-1)	309 (+40)	-196 (-6)	155 (+17)	448 (+2)
	DOLLARS	-602000 (-22)	413000 (+6)	177000 (+18)	913000 (+35)	2135000 (+18)	1010000 (+123)	230000 (+4)	30000 (+4)	4371000 (+14)

NOTES:
1. THE PERCENTAGE CHANGE IS SHOWN IN PARENTHESES ALONGSIDE THE ACTUAL CHANGE.
2. A NEGATIVE SIGN INDICATES A DECREASE.
3. FIGURES GREATER THAN 1000 ARE ROUNDED TO THE NEAREST 1000.
4. FIGURES MAY NOT BE ACCURATE TO SIGNIFICANCE SHOWN; SEE TEXT FOR CAUTIONARY NOTES.